What is claimed is:

1. A separator for a fuel cell, having a film comprising a conductive powder and a binder on the surface, wherein the film has a water-holdability of 0.3 to 5.0 g per g of the film, and a thickness of 0.5 to 300 μm.

2. A separator for a fuel cell, having a film comprising a conductive powder and a binder on the surface, wherein the film has a pore volume of 0.5 to 0.9 cc per cc of the film, and a thickness of 0.5 to 300 μm.

3. The separator for a fuel cell of claim 1, wherein the conductive powder has an average particle diameter of 10 nm to 100 μm.

4. The separator for a fuel cell of claim 2, wherein the conductive powder has an average particle diameter of 10 nm to 100 μm.

5. The separator for a fuel cell of claim 1, wherein the conductive powder is a carbon powder.

6. The separator for a fuel cell of claim 2, wherein the conductive powder is a carbon powder.

7. The separator for a fuel cell of claim 1, wherein the binder is selected from the group consisting of a thermosetting resin,

a thermoplastic resin and a rubber.

8. The separator for a fuel cell of claim 2, wherein the binder is selected from the group consisting of a thermosetting resin, a thermoplastic resin and a rubber.

Patent Pending